

Fig. 1

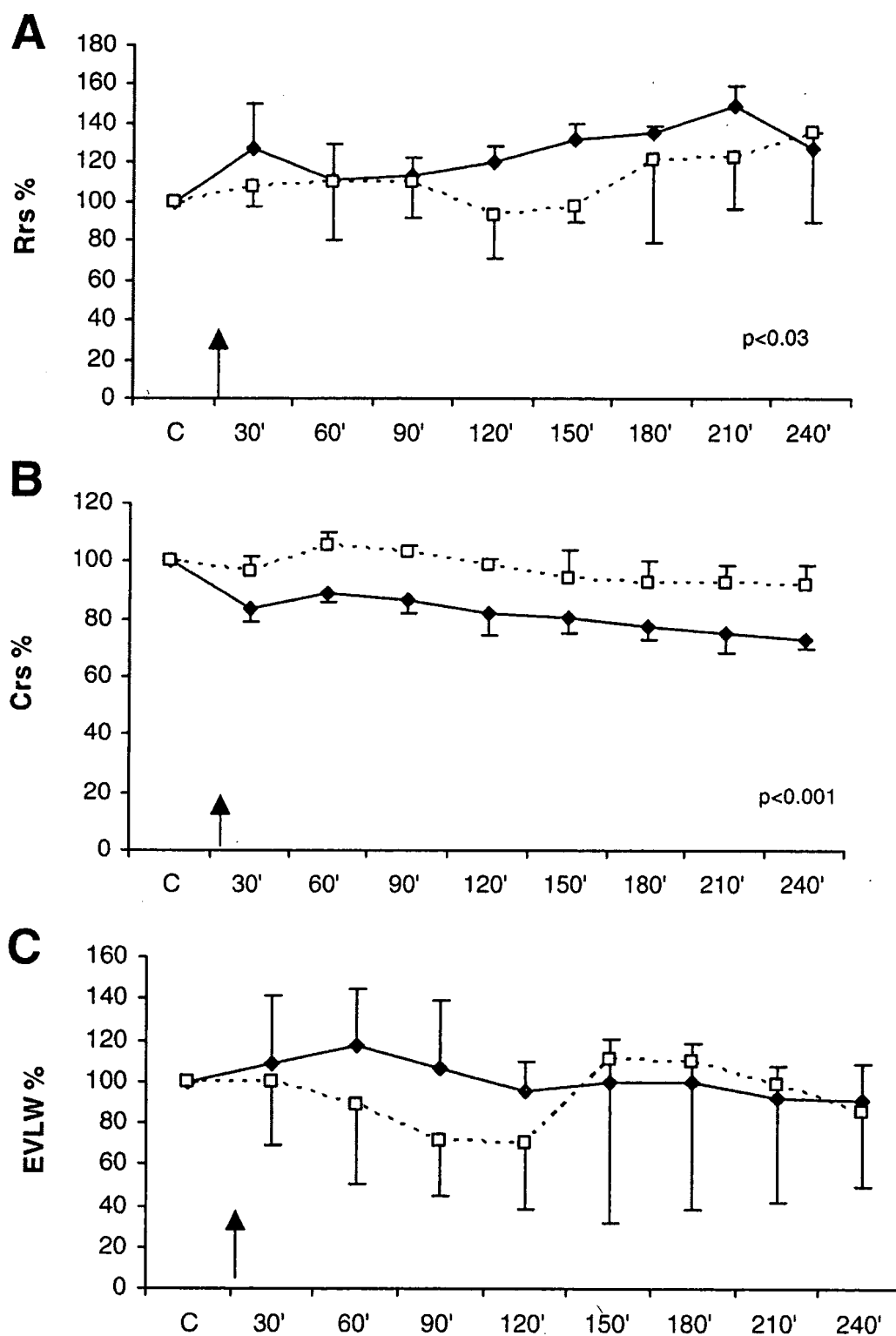


Figure 1. Changes in respiratory parameters and extravascular lung water in pigs: LPS group (solid line) and CO-LPS group (broken line). Arrows indicate the beginning of LPS administration. **A)** Resistances of respiratory system (Rrs). **B)** Compliance of respiratory system (Crs). **C)** Extravascular lung water. Values are mean percentage with respect to time C \pm SD.

Fig. 2

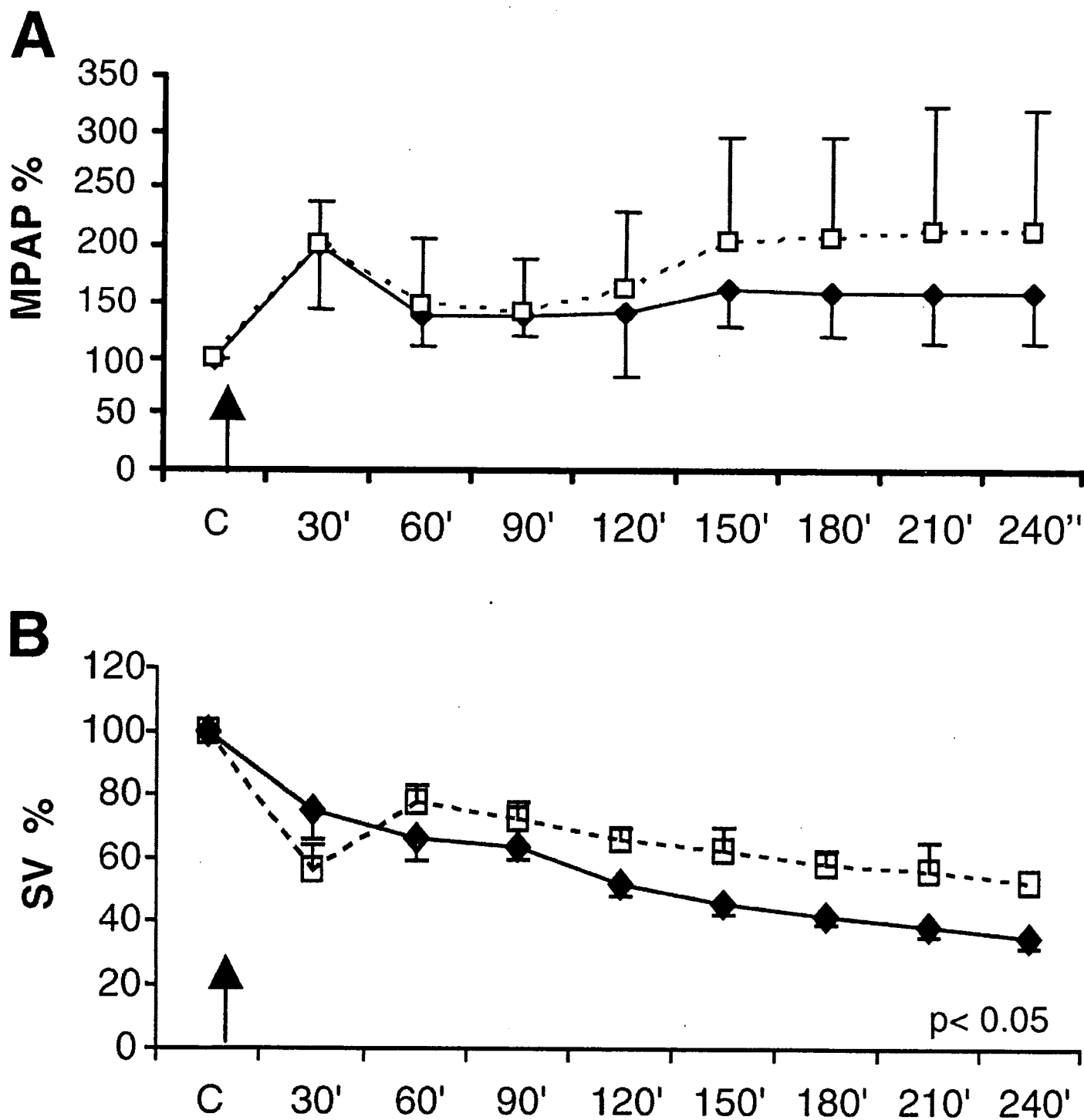


Figure 2. Changes in circulatory and cardiac parameters in pigs: LPS group (solid line) and CO-LPS group (broken line). Arrows indicate the beginning of LPS administration. **A)** Mean pulmonary arterial pressure (MPAP). **B)** Stroke volume (SV). Values are mean percentage with respect to time C \pm SD.

Fig. 3

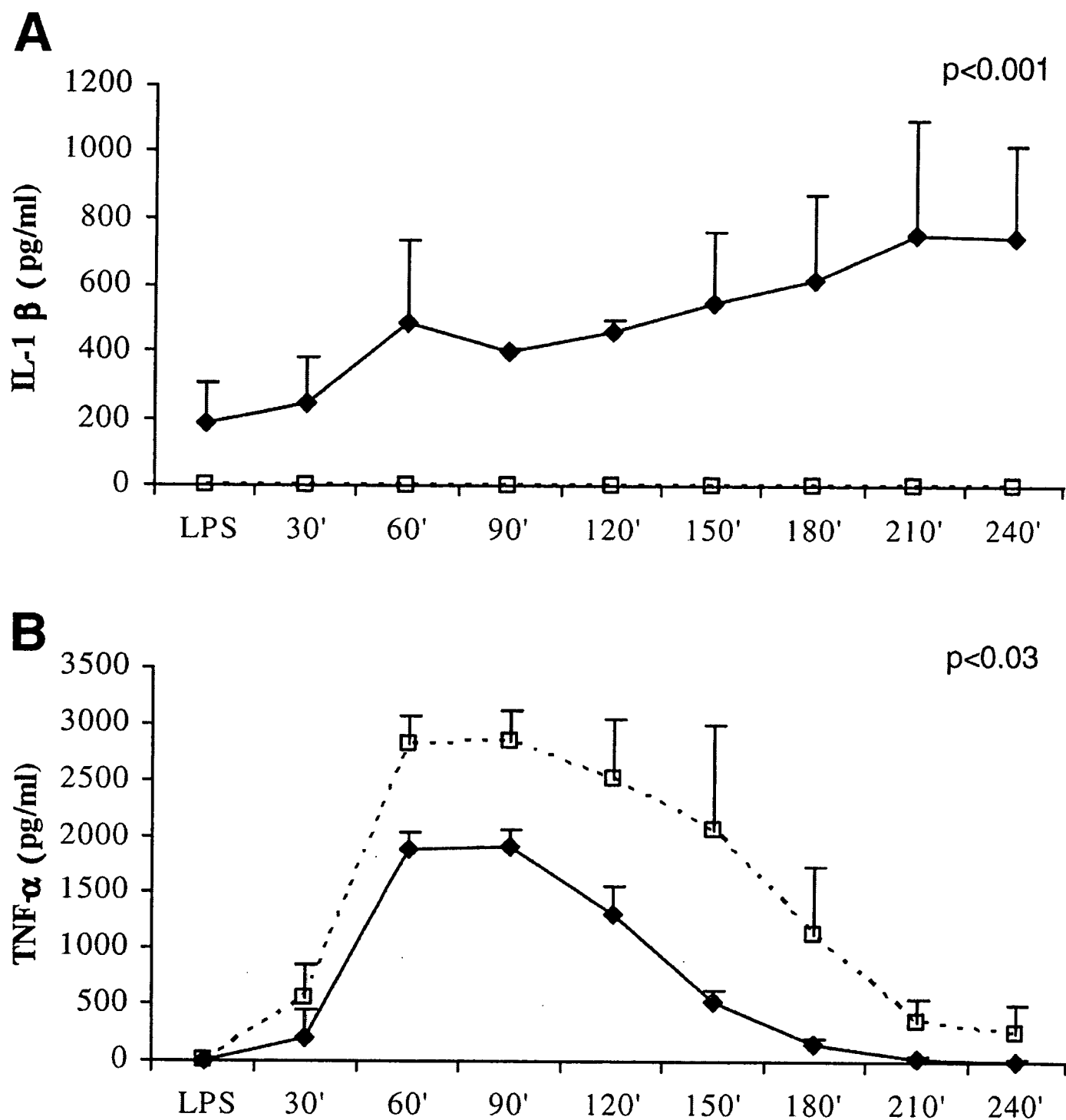


Figure 3. Changes in cytokine production in pigs of LPS group (solid line) and CO-LPS group (broken line). A) IL-1 β . B) TNF- α . Values are pg/ml \pm SD.

Fig. 4

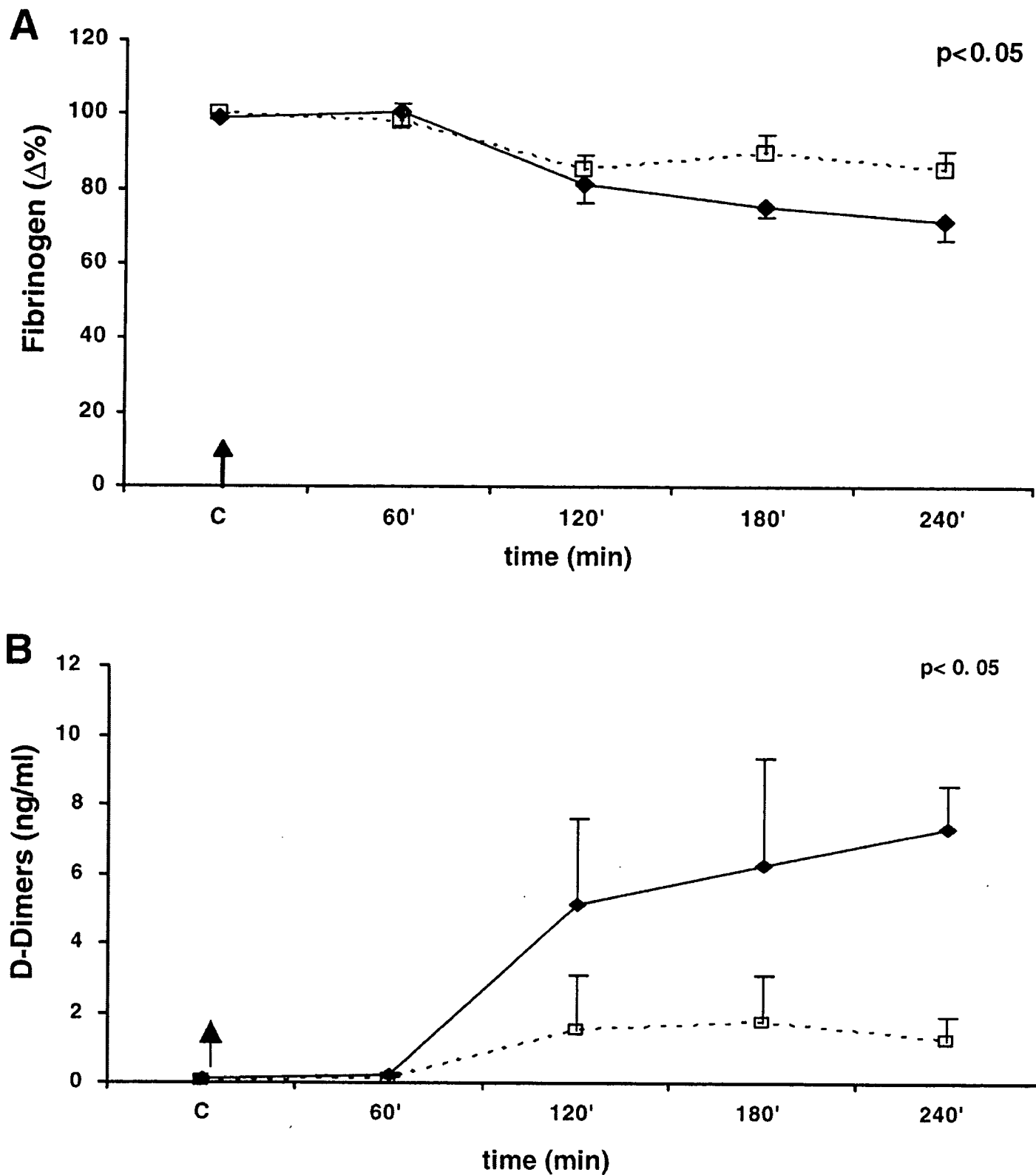


Figure 4. Changes in fibrinogen and D-dimer formation in pigs: LPS group (solid line) and CO-LPS group (broken line). Arrows indicate the beginning of LPS administration. A) Fibrinogen, values are mean percentage with respect to time C \pm SD. B) D-dimer values are ng/ml \pm SD.

Fig. 5

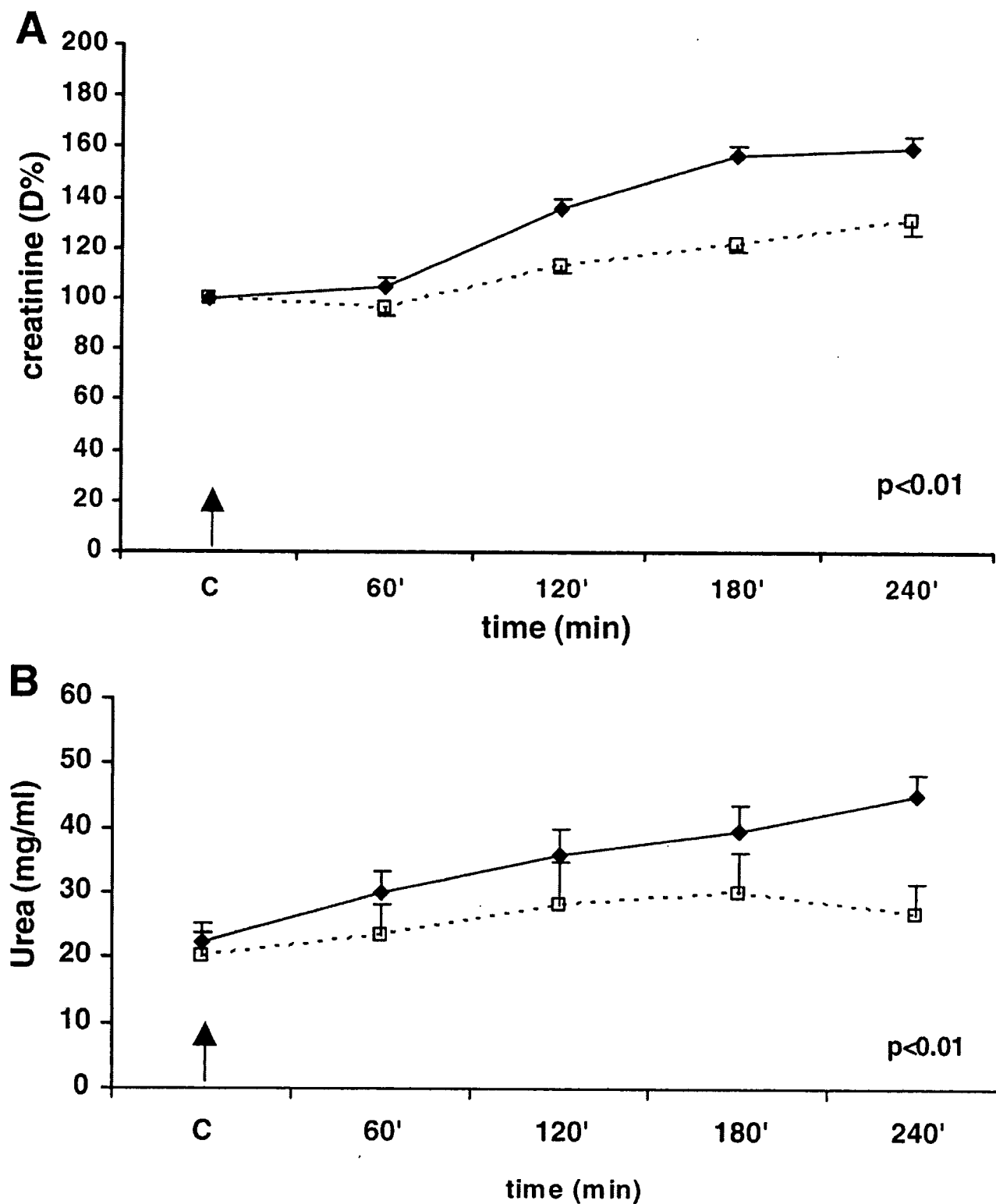


Figure 5. Changes in creatinine and urea plasma levels in pigs: LPS group (solid line), CO-LPS group (broken line). Arrows indicate the beginning of LPS administration. **A)** Creatinine, values are mean percentage respect to time C \pm SD. **B)** Urea values are mg/dl \pm SD.

Fig. 6

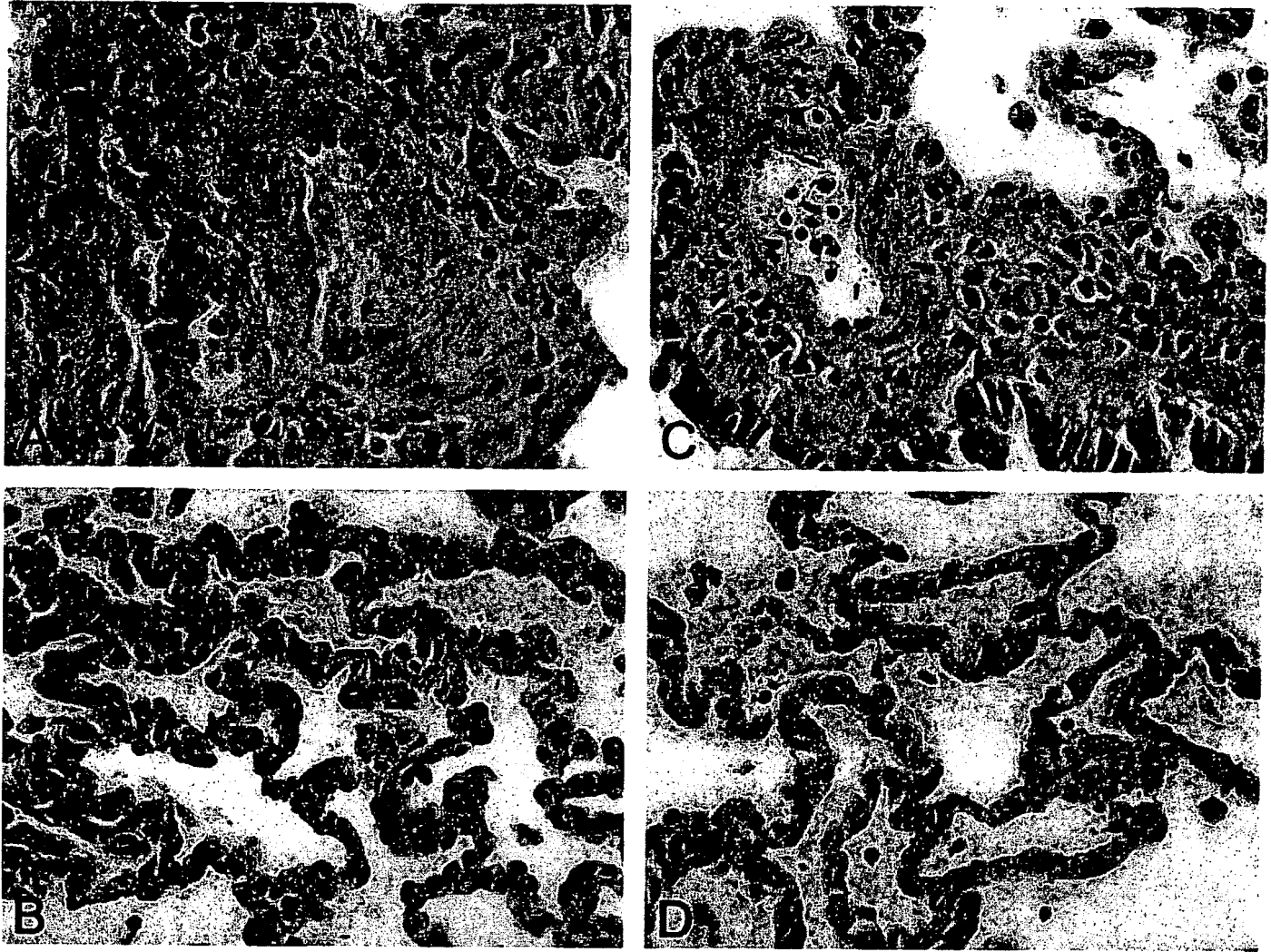


Figure 6. H&E $\times 40$ (Olympus BX41 microscope and Olympus DP12 camera). *A–B*) Lung from LPS-treated animal. *C–D*) Lung from CO pretreated animal. *A*) An example of arteriolar vessel with fibrin deposition in the lumen (thrombosis.). *C*) An example of arteriolar vessel with few mononuclear cells in the lumen. *B*) Neutrophilic margination in alveolar capillaries. *D*) Mild margination was seen.

Fig. 7

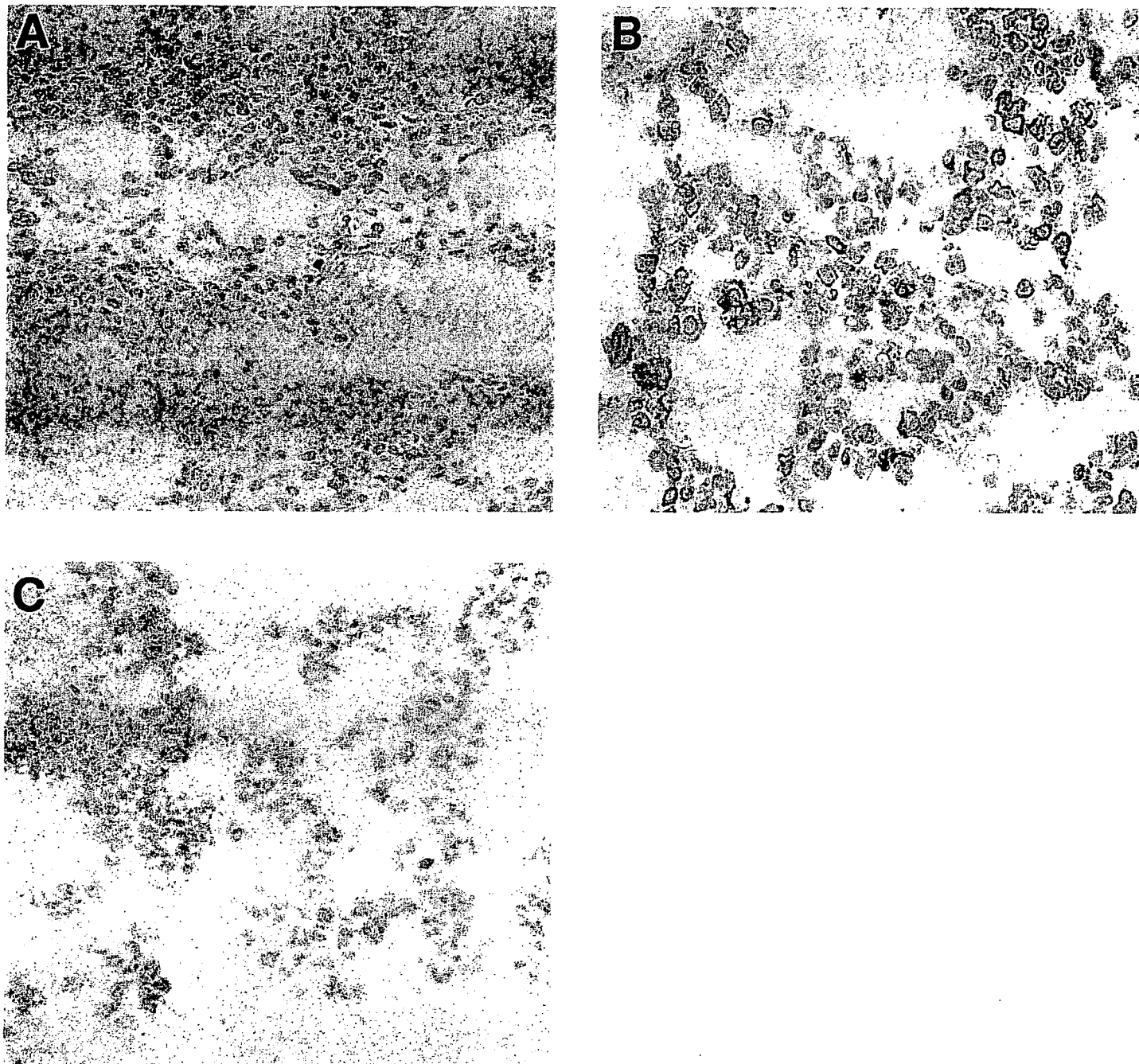


Figure 7. Lung tissue immunostaining for ICAM expression, with standard staining techniques. *A*) Sham animal. *B*) Animal treated only with LPS; *C*) CO pretreatment and LPS infusion.